LCD TV

| | |
|---|---|
| 42" CLASS (42.0" DIAGONAL) | 42LD320H HI GLOSS BLACK |
| 37" CLASS (37.0" DIAGONAL) | 37LD320H HI GLOSS BLACK<br>37LD325H MATTE BLACK |
| 32" CLASS (31.5" DIAGONAL) | 32LD320H HI GLOSS BLACK<br>32LD325H MATTE BLACK |
| 26" CLASS (26.0" DIAGONAL) | 26LD320H HI GLOSS BLACK |

# LCD Commercial Widescreen

## Integrated HDTV with HD-PPV Capability

HD VOD PPV ENCRYPTION
Integrated Pro:Idiom®

Pro:Centric® ST
(Java/Flash)

EcoSmart™
Dynamic Power Savings
Static Power Savings

ENERGY STAR® 4.1 AND RoHS COMPLIANT

NEW! BUILT-IN INTEGRATED b-LAN™ (VER 6.3 UP)

MPEG-4 H.264 DECODING

COMMERCIAL MODE SET UP MENU (INSTALLER MENU)

TVLINK-PROTOCOL

MPI SLOT

NATIVE DISPLAY RESOLUTION
1920 x 1080 (37"/42" class)
1366 x 768 (26"/32" class)

NEW! STAND (METAL NECK/STAND BASE METAL)
(32"/37"/42" class)

USB CLONING

USB MEDIA HOST (JPEG & MP3)

SPLASH IMAGE - LOGO
(when booting)

ANTI-THEFT WARNING LABEL

180° DETACHABLE SWIVEL STAND

2 YEAR LIMITED WARRANTY
(parts and labor)

www.LGsolutions.com

LG
Life's Good

green LIFE'S GOOD...

# WHEN IT'S GREEN.

LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products.

The LD320H series has technologies to reduce power consumption and in return increase **cost savings** per room. We've also placed limits on the amounts of harmful materials used in these televisions.

- **EcoSmart**
  Dynamic Power Savings - Using built-in algorithms, the TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.
  Static Power Savings - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.
- **RoHS Compliant**
  Meets directive on restriction of hazardous substances.
- **Energy Star 4.1 Qualified** - Meets current reduction requirements of energy consumption.

# FEATURES

## LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

For Free-To-Guest hotel installations, when using LG's *b*-LAN Free-To-Guest built-in technology plus LG's Free-to-Guest Management Appliance (FMA), virtual channel mapping, configuration of commercial installer menu settings, and other adjustments can be made from the centralized head-end FMA system. This is an added value of time savings and therefore cost savings in labor charges by not having to go room to room for a change of settings.

## HOTEL COSTS FOR FREE-TO-GUEST CHANNEL MANAGEMENT (OVER 5 YEARS)

| | Labor Costs | FTG Card Price | [1]FMA MAP price | Total | Savings over other brand |
|---|---|---|---|---|---|
| Other brand | $20 (est.) x 2 times per year (to update channels) x 100 rooms x 5 years | – | – | $20,000 | – |
| LG Pro:Idiom TVs with Integrated *b*-LAN, plus FMA[2] | – | – | $1,999 | $1,999 | $18,001 |

[1]FMA MAP price subject to change. [2]FMA sold separately.

## FREE-TO-GUEST MANAGEMENT APPLIANCE

**FMA-LG101**
HEAD-END SYSTEM

Manages channel line-up changes, channel label changes, designates a startup channel, configuration of commercial installer menu settings, and can set the time/date, and broadcast that information to all the terminals on a regular basis all from the head-end. Also, enables Pro:Idiom tuning for Pro:Idiom encrypted content.

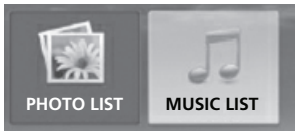
## FREE-TO-GUEST INTEGRATED *b*-LAN

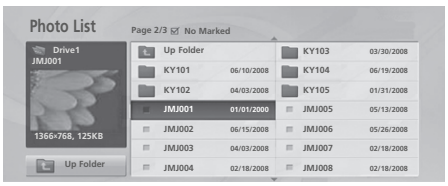
***b*-LAN**
FREE-TO-GUEST TECHNOLOGY

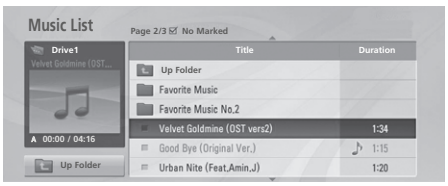
Will allow viewing of HD secured Pro:Idiom encrypted content from Pro:Idiom licensed Cable or Satellite providers. Compatible with FMA-100 and FMA-LG101 head-end systems. system. Pay-Per-View ready.

## USB 2.0 MEDIA HOST

USB 2.0 will support JPG and MP3 files from a USB storage device.




## ENERGY SAVING LEVELS

By selecting lower levels of backlight settings, a reduction in power consumption is achieved resulting in energy savings and lower costs.

**TESTING CONDITION:** PWM Static mode (eyecare off)

| Applied Model | Backlight Setting Value | Power Consumption [Watts] | Energy savings [%] |
|---|---|---|---|
| 42LD320H | Level 100 | 108 | 0% |
| | 90 | 87 | 19% |
| | 80 | 79 | 27% |
| | 70 | 73 | 32% |
| | 60 | 67 | 38% |
| | 50 | 61 | 44% |
| | 40 | 56 | 48% |
| | 30 | 53 | 51% |
| | 20 | 48 | 56% |
| | 10 | 43 | 60% |
| | 1 | 39 | 64% |
| 37LD320H 37LD325H | Level 100 | 89 | 0% |
| | 90 | 84 | 5% |
| | 80 | 78 | 12% |
| | 70 | 72 | 19% |
| | 60 | 66 | 25% |
| | 50 | 61 | 31% |
| | 40 | 57 | 36% |
| | 30 | 52 | 41% |
| | 20 | 48 | 46% |
| | 10 | 44 | 51% |
| | 1 | 40 | 55% |
| 32LD320H 32LD325H | Level 100 | 73 | 0% |
| | 90 | 64 | 13% |
| | 80 | 59 | 20% |
| | 70 | 54 | 27% |
| | 60 | 44 | 39% |
| | 50 | 41 | 43% |
| | 40 | 39 | 47% |
| | 30 | 36 | 50% |
| | 20 | 34 | 54% |
| | 10 | 31 | 58% |
| | 1 | 29 | 61% |
| 26LD320H | Level 100 | 57 | 0% |
| | 90 | 52 | 9% |
| | 80 | 47 | 17% |
| | 70 | 42 | 26% |
| | 60 | 40 | 30% |
| | 50 | 37 | 34% |
| | 40 | 36 | 36% |
| | 30 | 35 | 38% |
| | 20 | 33 | 43% |
| | 10 | 30 | 47% |
| | 1 | 28 | 51% |

Note: Energy Saving percentages listed are percentages off of level 100.

XD ENGINE

SHARPER

BRIGHTER

CLEARER

Dramatization

Dramatization

Six distinct processes contribute to picture improvement. LG's XD Engine takes the low resolution of analog signals to near HD levels by improving brightness, contrast, detail and enhancing color as well as reducing signal noise.

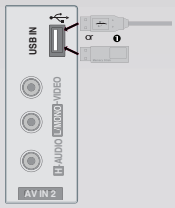
## invisible SPEAKER

### SOUND IS HEARD, NOT SEEN

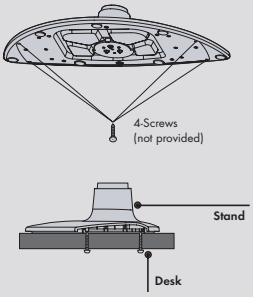
Enjoy a combination of smart technology and stylish design with the invisible speaker system custom tuned by audio expert Mr. Mark Levinson. This unique system provides a clean, polished look and an enhanced auditory experience by increasing the sweet spot and providing a wider sound field.

### USB CLONING

USB cloning will allow for easy transfer of Commercial Installer Menu Settings from the "Master TV" to an unlimited number of same type televisions.

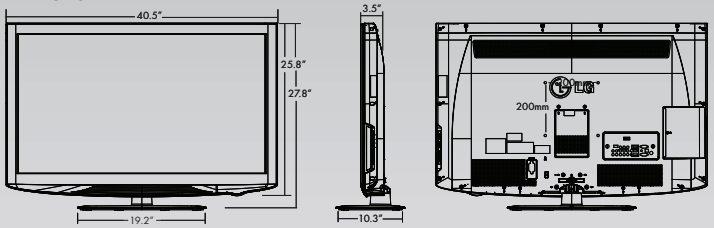



### MOUNTING HOLES ON STAND
ATTACHING THE TV TO A DESK

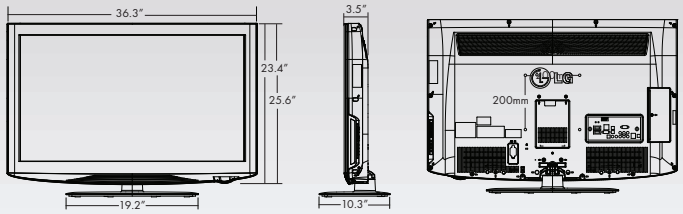



# DIMENSIONS

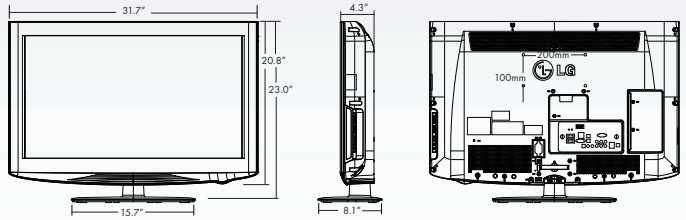
### 42LD320H



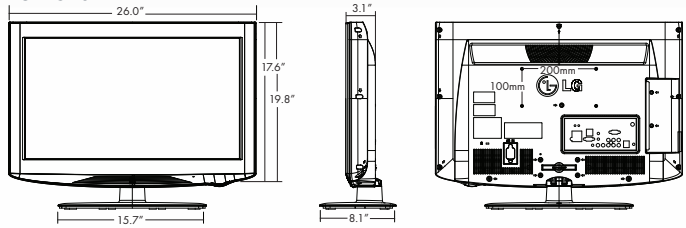

### 37LD320H




### 32LD320H



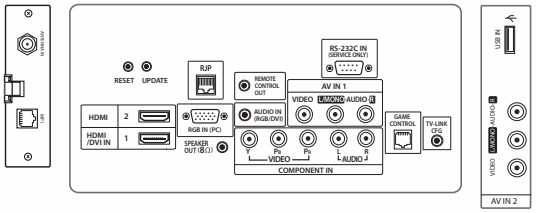

### 26LD320H




### 42/37/32LD320H

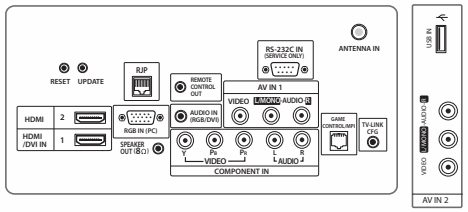
REAR JACK PANEL

SIDE JACK PANEL




REAR JACK PANEL

SIDE JACK PANEL



LCD TV

| | | |
|---|---|---|
| HI GLOSS BLACK | 42LD320H | 42" CLASS (42.0" DIAGONAL) |
| HI GLOSS BLACK | 37LD320H | 37" CLASS (37.0" DIAGONAL) |
| MATTE BLACK | 37LD325H | |
| HI GLOSS BLACK | 32LD320H | 32" CLASS (31.5" DIAGONAL) |
| MATTE BLACK | 32LD325H | |
| HI GLOSS BLACK | 26LD320H | 26" CLASS (26.0" DIAGONAL) |

# SPECIFICATIONS

| LCD SPECIFICATION | |
|---|---|
| Screen Size (Class) | 42" class (42.0" diagonal)<br>37" class (37.0" diagonal)<br>32" class (31.5" diagonal)<br>26" class (26.0" diagonal) |
| Native Display Resolution | 1920 x 1080 (42, 37")<br>1366 x 768 (32, 26") |
| Dynamic Contrast Ratio | 60,000:1 |
| Viewing Angle | 178°/178° |
| Color Reproduction | 8 bit |
| Response Time | 4ms |
| Life Span (Typical) | 60,000 hrs |
| **BROADCASTING SYSTEM** | |
| Analog | Yes |
| ATSC/NTSC/Clear QAM | Yes |
| b-LAN (RFModem) | Yes |
| **VIDEO** | |
| XD Engine | Yes |
| Video Codec | MPEG-2/4 |
| Aspect Ratio | 16:9 |
| Aspect Ratio Correction | 5 Modes |
| Just Scan 0% over scan<br>HDMI/Component: | <br>HD/DTV |
| Enhanced Noise Reduction (Video Noise Filter) | Yes, 3D NR/MPEG NR |
| Digital Comb Filter | Yes (3D) |
| Color Temperature Control | 3 Modes (Medium, Warm, Cool) |
| Black Stretcher | Yes |
| 24p Real Cinema | Yes |
| Cinema 5:5/2:2 Mode | Yes |
| Picture Reset | Yes |
| EZ Picture/PSM | Yes (5 mode) |
| xvYCC (richer color) | Yes |
| DTV Signal Strength Indicator | Yes |
| Video Reset/Initializing | Yes |
| **AUDIO** | |
| Mono/Stereo/Dual (MTS/SAP) | Yes |
| Audio Output Power | 10W x 2 (32", 37", 42"), 7W x 2 (26") |
| Invisible Speaker System Details | 1 Way 2 Speaker |
| Dolby Digital 5.1 Decoder | Yes |
| Surround System Type | Infinite Sound |
| Bass/Treble/Balance Controls | Yes |
| Clear Voice II | Yes |
| Auto Volume Leveler | Yes |
| EZ Sound Mode/SSM | 5 Modes |
| **SPECIAL FEATURES** | |
| Integrated Pro:Idiom | Yes |
| Pro:Centric ST (Java/Flash) | Yes |
| b-LAN Embeded (Version 6.3 or up) | Yes |
| MPEG4 | Yes |
| Auto-Sensing RJP compatible | Yes (with select RJP versions, non - PIP) |
| Commercial Mode Set Up Menu (Installer Menu) | Yes |
| TVLink Protocol | Yes |
| USB Cloning | Yes |
| USB Mode Host (JPEG & MP3) | Yes |
| Splash Image | Yes |
| Multi Remote IR code (Bed1-9) | Yes |
| 720p/1080p Source Input<br>HDMI<br>Component | <br>60f/30f/24f<br>60f/30f/29f |
| Auto Screen Adjust | Yes |
| Fresh White | Yes |
| Flashback (Previous Channel) | Yes |
| Quick Setup Guide | Yes |
| Parental Control w/V-Chip | Yes |
| Key Lock/Child Lock | Yes |
| Customizable Closed Caption/Sub-title | Yes |
| **CONVENIENCE FEATURES** | |
| Language | English/Spanish/French/Korean |
| Alvin UI | Yes |
| Commercial Function Menu | Yes |
| Auto Tuning/Programming | Yes |
| Channel Add/Delete | Yes |
| Auto/Manual Clock | Yes |
| On/Off Timer/Sleep Timer | Yes |
| Auto Off/Auto Sleep (When no video is present) | Yes |
| **AUDIO/VIDEO INPUTS/OUTPUTS** | |
| RF In (Antenna/Cable) | 1 |
| L/R Audio/Composite Video In | 1 (rear), 1 (side) |
| HD Component Video In (Y, Pb, Pr) + L/R Audio | 1 |
| Speaker Out | 1 (1W mono) |
| HDMI/HDCP Input (V1.3 with Deep Color) | 2 (1 port PC mode) |
| RGB In (D-Sub 15pin) - PC | 1 (up to WXGA) |
| PC Audio Input | 1 |
| RS-232c In (Service Only) | 1 |
| USB 2.0 Input | 1(Side) Media Host (jpeg, mp3), Cloning, Service |
| Remote Control Port out | 1 |
| RJ45 (for RJP interface, non PIP) | 1 |
| MPI Jack (RJ-12) | 1 on MPI Card Slot (32", 37", 42") |
| Game Port/MPI | Yes (26" only) |
| Game Port (RJ-12) | 1 for LodgeNet game controller |
| **CABINET/ACCESSORIES** | |
| Cabinet Color | Hi Gloss Black (320H)/Matte Black (325H) |
| Swivel Stand (degrees) | +90°/-90° |
| Fire Retardant Cabinet Material | Yes |
| Kensington Security System Slot | Yes |
| Security Screws (TORX) | Yes (optional use) |
| VESA® Standard Mount Compatible (WxH) | 200mm x 100mm (26", 32")<br>200mm x 200mm (37", 42") |
| Remote Control | Yes |
| Cloning Capable | USB input, opt. LT2002, or opt. TLL-1100A |
| **POWER** | |
| Voltage, Hz | 100V - 240V, 50/60 Hz |
| Stand-by Mode | Less than 1W |
| Dynamic/Static Power Savings | Yes |
| Power Consumption<br>(with Power Saving Modes Disabled) | Max 110 (26"), 150 (32"), 200 (37"), 270 (42")<br>Typical 60 (26"), 80 (32"), 90 (37"), 120 (42") |
| ENERGY STAR 4.1 Qualified | Yes |
| RoHS Compliant | Yes |
| **DIMENSIONS & WEIGHT** | |
| TV without stand (WxHxD) | 26.0" x 17.6" x 3.1" (26")<br>31.7" x 20.8" x 4.3" (32")<br>36.3" x 23.4" x 3.5" (37")<br>40.5" x 25.8" x 3.5" (42") |
| TV with stand (WxHxD) | 26.0" x 19.8" x 8.1" (26")<br>31.7" x 23.0" x 8.1" (32")<br>36.3" x 25.6" x 10.3" (37")<br>40.5" x 27.8" x 10.3" (42") |
| Shipping Dimensions (WxHxD) | 32.9" x 21.3" x 6.9" (26")<br>38.7" x 24.6" x 7.4" (32")<br>44.9" x 27.0" x 6.8" (37")<br>48.4" x 30.3" x 6.9" (42") |
| TV without stand weight | 16.9 lbs (26")<br>25.1 lbs (32")<br>28.6 lbs (37")<br>33.7 lbs (42") |
| TV with stand weight | 20.7 lbs (26")<br>28.8 lbs (32")<br>34.3 lbs (37")<br>39.4 lbs (42") |
| Shipping Weight | 25.7 lbs (26")<br>34.3 lbs (32")<br>40.9 lbs (37")<br>46.6 lbs (42") |
| **SERVICE/LIMITED WARRANTY** | 2 Years (Parts/Labor) |
| **UPC CODE** | |
| 42LD320H | 7 19192 90179 7 |
| 37LD320H/37LD325H | 7 19192 90178 0/7 19192 90181 0 |
| 32LD320H/32LD325H | 7 19192 90177 3/7 19192 90180 3 |
| 26LD320H | 7 19192 90176 6 |

www.LGsolutions.com

LG Electronics U.S.A., Inc.
Commercial Displays
2000 Millbrook Drive
Lincolnshire, IL 60069

**Customer Service:** 888.865.3026
www.LGsolutions.com/support

**Contact your LG Regional Sales Representative**
**Hospitality:** 800.228.1236
**Vertical Markets:** 800.897.8788
**Channel:** 800.897.8871
**E-mail:** info@LGsolutions.com

LG
Life's Good

SPEC_LD320H_031120_PR

**All screen images are simulated.** Dimensions and weights are approximate. Design, features and specifications subject to change without notice.

© Copyright 2011 LG Electronics USA, Inc. All Rights Reserved. "LG Life's Good" is a registered trademark of LG Corp. XD Engine, Pro:Centric and EcoSmart are registered trademarks or trademarks of LG Electronics, Inc. Pro:Idiom is a registered trademark of Zenith Electronics Corp. SRS and the SRS symbol and TruSurround XT are trademarks or registered trademarks of SRS Labs, Inc. VESA is a trademark of Video Electronics Standards Association. b-LAN is a trademark of LodgeNet Interactive Corporation. All other product and brand names are trademarks or registered trademarks of their respective companies.

Printed in the USA. March 2011